

# Jun-Profâ€™Dr Olalla VÃ¡zquez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6010925/publications.pdf>

Version: 2024-02-01

38  
papers

932  
citations

393982

19  
h-index

454577

30  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1036  
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptide-based fluorescent biosensors. <i>Chemical Society Reviews</i> , 2009, 38, 3348.	18.7	159
2	Photoswitchable peptides for spatiotemporal control of biological functions. <i>Chemical Communications</i> , 2019, 55, 10192-10213.	2.2	77
3	Conditional Singlet Oxygen Generation through a Bioorthogonal DNA-targeted Tetrazine Reaction. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12868-12873.	7.2	60
4	Specific DNA Recognition by a Synthetic, Monomeric Cys <sub>2</sub> His <sub>2</sub> Zinc Finger Peptide Conjugated to a Minor Groove Binder. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6886-6890.	7.2	53
5	Bis-4-aminobenzamidines: Versatile, Fluorogenic A/T-Selective dsDNA Binders. <i>Organic Letters</i> , 2010, 12, 216-219.	2.4	46
6	Light-controlled DNA binding of bisbenzamidines. <i>Chemical Communications</i> , 2011, 47, 11107.	2.2	41
7	Templated native chemical ligation: peptide chemistry beyond protein synthesis. <i>Journal of Peptide Science</i> , 2014, 20, 78-86.	0.8	38
8	Straightforward access to bisbenzamidine DNA binders and their use as versatile adaptors for DNA-promoted processes. <i>Chemical Science</i> , 2012, 3, 2383.	3.7	37
9	Controlled inhibition of methyltransferases using photoswitchable peptidomimetics: towards an epigenetic regulation of leukemia. <i>Chemical Science</i> , 2017, 8, 4612-4618.	3.7	37
10	Modulating Protein-Protein Interactions with Visible-Light-Responsive Peptide Backbone Photoswitches. <i>ChemBioChem</i> , 2019, 20, 1417-1429.	1.3	33
11	High Affinity, Sequence Specific DNA Binding by Synthetic Tripyrrole-Peptide Conjugates. <i>Chemistry - A European Journal</i> , 2005, 11, 4171-4178.	1.7	31
12	<i>ortho</i> -Fluoroazobenzene derivatives as DNA intercalators for photocontrol of DNA and nucleosome binding by visible light. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1827-1833.	1.5	30
13	Efficient DNA Binding and Nuclear Uptake by Distamycin Derivatives Conjugated to Octaarginine Sequences. <i>ChemBioChem</i> , 2008, 9, 2822-2829.	1.3	28
14	dsDNA-triggered energy transfer and lanthanide sensitization processes. Luminescent probing of specific A/T sequences. <i>Chemical Communications</i> , 2010, 46, 5518.	2.2	26
15	Bioorthogonal Turn-On BODIPY-Peptide Photosensitizers for Tailored Photodynamic Therapy. <i>Chemistry - A European Journal</i> , 2020, 26, 10014-10023.	1.7	26
16	Cytotoxic peptide-PNA conjugates obtained by RNA-programmed peptidyl transfer with turnover. <i>Chemical Science</i> , 2014, 5, 2850-2854.	3.7	22
17	Sequence-Selective DNA Recognition with Peptide-Bisbenzamidine Conjugates. <i>Chemistry - A European Journal</i> , 2013, 19, 9923-9929.	1.7	21
18	A Far-Red Fluorescent DNA Binder for Interaction Studies of Live Multidrug-Resistant Pathogens and Host Cells. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11564-11568.	7.2	20

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19	Bistable Photoswitch Allows in Vivo Control of Hematopoiesis. ACS Central Science, 2022, 8, 57-66.	5.3	18
20	The Î²Î± fold of zinc finger proteins as a âœnaturalâ€protecting group. Chemoselective synthesis of a DNA-binding zinc finger derivative. Chemical Communications, 2014, 50, 2258.	2.2	16
21	Gezielte Singulettâ€Sauerstoffzeugung durch bioorthogonale DNAâ€basierte Tetrazinâ€Ligation. Angewandte Chemie, 2019, 131, 13000-13005.	1.6	14
22	In search of visible-light photoresponsive peptide nucleic acids (PNAs) for reversible control of DNA hybridization. Beilstein Journal of Organic Chemistry, 2019, 15, 2500-2508.	1.3	14
23	Ush regulates hemocyte-specific gene expression, fatty acid metabolism and cell cycle progression and cooperates with dNuRD to orchestrate hematopoiesis. PLoS Genetics, 2021, 17, e1009318.	1.5	11
24	Spicing Up an Interdisciplinary Chemical Biology Course with the Authentic Big Picture of Epigenetic Research. Journal of Chemical Education, 2020, 97, 1316-1326.	1.1	9
25	Targeted Protein Degradation as a Promising Tool for Epigenetic Upregulation of Fetal Hemoglobin. ChemMedChem, 2020, 15, 2436-2443.	1.6	7
26	The Chemical Biologyâ€Medicinal Chemistry Continuum: EFMCâ€™s Vision. ChemBioChem, 2021, 22, 2823-2825.	1.3	7
27	A Farâ€Red Fluorescent DNA Binder for Interaction Studies of Live Multidrugâ€Resistant Pathogens and Host Cells. Angewandte Chemie, 2018, 130, 11738-11742.	1.6	5
28	Efficient antisense inhibition reveals microRNA-155 to restrain a late-myeloid inflammatory programme in primary human phagocytes. RNA Biology, 2021, 18, 604-618.	1.5	5
29	A Chemical Biology Perspective to Therapeutic Regulation of RNA Splicing in Spinal Muscular Atrophy (SMA). ACS Chemical Biology, 2022, 17, 1293-1307.	1.6	5
30	Photopharmacology and Photochemical Biology. ChemPhotoChem, 2021, 5, 1031-1032.	1.5	3
31	Potential of Proapoptotic Peptides to Induce the Formation of Giant Plasma Membrane Vesicles with Lipid Domains. ChemBioChem, 2015, 16, 1288-1292.	1.3	2
32	4-Methyltrityl-Protected Pyrrole and Imidazole Building Blocks for Solid Phase Synthesis of DNA-Binding Polyamides. Organic Letters, 2020, 22, 533-536.	2.4	2
33	Synthesis of the <sc>l</sc>- and <sc>d</sc>-SH2 domain of the leukaemia oncogene Bcr-Abl. RSC Chemical Biology, 2022, 3, 1008-1012.	2.0	1
34	Neuaufgabe: Zweites German-Spanish Symposium on Frontiers in Chemistry. Nachrichten Aus Der Chemie, 2017, 65, 1251-1251.	0.0	0
35	Titelbild: Gezielte Singulettâ€Sauerstoffzeugung durch bioorthogonale DNAâ€basierte Tetrazinâ€Ligation (Angew. Chem. 37/2019). Angewandte Chemie, 2019, 131, 12849-12849.	1.6	0
36	Light-controlled inhibition of MLL1 methyltransferase by azo-containing peptides: towards optoepigenetic leukemia regulation. , 0, , .		0

#	ARTICLE	IF	CITATIONS
37	Bausteine für den Erfolg: Lehren, lernen, Geld einwerben. Nachrichten Aus Der Chemie, 2019, 67, 99-99.	0.0	0
38	Advances in Chemical Biology 2019. Nachrichten Aus Der Chemie, 2019, 67, 79-79.	0.0	0